IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-7. (Canceled).

8. (New) A radio base station apparatus comprising:

two diversity antennas spaced apart by a distance that allows space diversity, each diversity antenna functioning as an adaptive array antenna; and

transmitters provided respectively corresponding to the two diversity antennas, each transmitter comprising:

a calculator that calculates a transmission weight from one of (i) a reception weight determined based on an uplink signal and (ii) direction of arrival information;

a multiplier that multiplies only a transmission signal for a channel to a specific user by the transmission weight; and

a transmit power controller that controls a transmit power of the transmission signal multiplied by the transmission weight in accordance with a transmit power control signal.

9. (New) The radio base station apparatus of claim 8, wherein said each transmitter further comprises:

a spreader that spreads the transmission signal using a predetermined spreading code; and

a transmit diversity circuit that performs a transmission diversity calculation of the transmission signal spread in the spreader and provides one of (i) a phase offset and (ii) a phase offset and a power offset, to the transmission signal after spreading, wherein:

the multiplier multiplies the transmission signal after the transmission diversity calculation by the transmission weight.

10. (New) The radio base station apparatus cf claim 9, wherein said each transmitter further comprises:

a spreader that spreads the transmission signal using a predetermined spreading code, wherein:

the multiplier multiples the transmission signal spread in the spreader by one of (i) the transmission weight and a phase offset and (ii) the transmission weight, a phase offset and a power offset.

11. (New) The radio base station apparatus of claim 8, wherein said each transmitter further comprises:

a transmit diversity circuit that performs a transmit diversity calculation of the transmission signal; and

a spreader that spreads the transmission signal after the transmit diversity calculation in the transmit diversity circuit, wherein:

the multiplier multiplies the transmission signal spread in the spreader by the transmission weight.

12. (New) A radio transmission method comprising:

calculating a transmission weight from one of (i) a reception weight determined based on an uplink signal and (ii) direction of arrival information;

multiplying only a transmission signal for a channel to a specific user by the transmission weight;

controlling a transmit power of the transmission signal multiplied by the transmission weight in accordance with a transmit power control signal; and

transmitting the transmission signal subjected to transmit power control from two diversity antennas spaced apart by a distance that allows space diversity, each diversity antenna functioning as an adaptive array antenna.

13. (New) The radio transmission method of claim 12, comprising:

spreading the transmission signal using a predetermined spreading code;

performing a transmit diversity calculation of the transmission signal after spreading and providing one of (i) a phase offset and (ii) a phase offset and a power offset, to said transmission signal after spreading; and

multiplying the transmission signal after the transmit diversity calculation by the transmission weight.

14. (New) The radio transmission method of claim 12, comprising:

performing a transmit diversity calculation of the transmission signal; and

spreading the transmission signal after the transmission diversity calculation, wherein:

the transmission signal after spreading is multiplied by the transmission weight.